Index of authors (with titles)

Abrams, F. L., see LeClair, S. R.

Acaccia, G. M., Campolonghi, F., Michelini, R. C., and Molfino, R. M.: Expert-simulation of a tool-dispatcher for factory automation, 131

Ahmed, S. B., Alam, M., and Gupta, D.: Performance modelling and evaluation of flexible manufacturing systems using a semi-Markov approach, 275

Alam, M., see Ahmed, S. B.

Ballew, V. B., see Schelsinger, R. J.

Baranson, J.: National differences in the business environment for automated manufacturing, 212

Barash, M. M., see Upton, D. M.

Barkmeyer, E., see Jones, A.

Bector, C. R., see Gupta, Y. P.

Beeckman, D.: CIM-OSA: computer integrated manufacturing—open system architecture, 94

Ben-Arieh, D., and Dror, M.: Group scheduling using group technology concepts, 186

Boaden, R. J., and Dale, B. G.: The progress of a CIM programme in a multi-national company, 171

Boelzing, D., and Schulz, H.: Calculating investments for integrated manufacturing: looking at the overall costs and benefits, 329

Browne, J., see Jackson, S.

Campolonghi, F., see Acaccia, G. M.

Chaharbaghi, K., Davis, B. L., and Minett, S. C.: Planning for just-in-time production, 268

CIM Reference Model Committee, Purdue University: A reference model for computer integrated manufacturing from the viewpoint of industrial automation, 114

Clarke, B. R.: Knowledge-based configuration of industrial automation systems, 346

Coutts, I., see Weston, R. H.

Dale, B. G., see Boaden, R. J.

Davis, B. L., see Chaharbaghi, K.

Davis, W., see Jones, A.

Dror, M., see Ben-Arieh, D.

Egbelu, P. J., see Mettala, E. G.

Egbelu, P. J., see Mettala, E. G.

Fisher, E., see King, C. U.

Frizelle, G. D. M.: A classification and measurement structure for manufacturing plants, 303

Gascoigne, J. D., see Weston, R. H.

Ghosh, B. K.: Optimum design of communication network for computer integrated manufacturing, 23

Graefe, U., and Thomson, V.: A reference model for production control, 86

Graefe, U., see Thomson, V.

Gupta, D., see Ahmed, S. B.

Gupta, M. C., see Gupta, Y. P.

Gupta, Y. P., Gupta, M. C., and Bector, C. R.: A review of scheduling rules in flexible manufacturing systems, 356

Hodgson, A., see Weston, R. H.

Jackson, S., and Browne, J.: An interactive scheduler for production activity control, 2

Jones, A., Barkmeyer, E., and Davis, W.: Issues in the design and implementation of a system architecture for computer integrated manufacturing, 65

Kimbler, D. L., and Malave, C. O.: Design of a knowledge-based generic control protocol generator for automatic assembly operations, 36

King, C. U., and Fisher, E.: BARBS: integrating simulation, optimization and knowledge-based techniques to identify and eliminate production bottlenecks, 317

Kramer, T. R.: A parser that converts a boundary representation into a features representation, 154

LeClair, S. R., and Abrams, F. L.: Qualitative Process Automation, 205

Magill, W. R., and McLeod, A. J.: Automated generation of NC part programs from a feature-based component description, 194

Malave, C. O., see Kimbler, D. L.

McLeod, A. J., see Magill, W. R.

Meijer, A. H.: Electronic data interchange for product structure data, 220

Meredith, J.: Management survey on justifying new manufacturing technologies, 164

Mettala, E. G., and Egbelu, P. J.: Alternative approaches to sequencing moves for PCB assembly, 243

Mettala, E. G., Strong, D. B., and Egbelu, P. J.: Development of an artificial intelligence interface for robotic assembly in a flexible manufacturing system, 48

Michelini, R. C., see Acaccia, G. M.

Minett, S. C., see Chaharbaghi, K.

Molfino, R. M., see Acaccia, G. M.

Moss, S. P.: A management and control architecture for factory-floor systems: from concept to reality, 106

Naghdy, F., and Strickland, P.: Distributed manipulation environment — (a transputer-based distributed robotic system), 281

Pourbabai, B.: A strategic integrated marketing and production planning model, 339

Rong-Kwei Li, and Tai-Zen Hwang: A part-feature recognition system for rotational parts—non-turning features, 257

Rui, A., see Weston, R. H.

Schulz, H., see Boelzing, D.

Schlesinger, R. J., and Ballew, V. B.: An application of the sampling theorem to data collection in a computer integrated manufacturing environment, 15

Smith, S., and Tranfield, D.: A catalytic implementation methodology for CIM, 140

Strickland, P., see Naghdy, F.

Strong, D. B., see Mettala, E. G.

Sumpter, C. M., see Weston, R. H.

Tai-Zen Hwang, see Rong-Kwei Li

Thomson, V., and Graefe, U.: CIM—a manufacturing paradigm, 290

Thomson, V., see Graefe, U.

Tranfield, D., see Smith, S.

Upton, D. M., and Barash, M. M., The generation of random families of parts for manufacturing systems simulation, 148

Weston, R. H., Hodgson, A., Gascoigne, J. D., Sumpter, C. M., Rui, A., and Coutts, I.: Configuration methods and tools for manufacturing systems integration, 77

Williams, D. J., and Upton, D. M.: Syntactic models of manufacturing processing and control, 229